

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116  Online Phone Directory Visit: <a href="https://www.emnrd.nm.gov/ocd/contact-us/">https://www.emnrd.nm.gov/ocd/contact-us/</a>	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	<b>C-104</b> Revised July 9, 2024  Submit Electronically Via OCD Permitting
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**REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

**Section 1 - Operator and Well Information**

Submittal Type: <input type="checkbox"/> Test Allowable (C-104RT) <input type="checkbox"/> New Well (C-104NW) <input checked="" type="checkbox"/> Recomplete (C-104RC) <input type="checkbox"/> Pay Add (C-104RC) <input type="checkbox"/> Amended	
Operator Name: Hilcorp Energy Company	OGRID: 372171
Property Name and Well Number: SAN JUAN 28-7 UNIT 132	Property Code: 318432
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-039-07051
Pool Name: BASIN MANCOS	Pool Code: 97232

**Section 2 – Surface Location**

UL K	Section 15	Township 027N	Range 007W	Lot	Ft. from N/S 1650' South	Ft. from E/W 1550' West	Latitude 36.571198	Longitude -107.56548	County RIO ARRIBA
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**Section 3 – Completion Information**

Producing Method F	Ready Date 8/6/2024	Perforations MD 7,005' – 7,294'	Perforations TVD 7,005' – 7,294'
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**Section 4 – Action IDs for Submissions and Order Numbers**

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW): N/A	Communitization Agreement <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Surface Casing Action ID: Previous to system	Unit: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: Previous to system	Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 2 Casing Action ID: Previous to system	Down Hole Commingling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. DHC-5352
Production Casing Action ID: Previous to system	Surface Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Non-standard Location: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Common ownership Order No.
Liner 1 Action ID: Previous to system	Non-standard Proration: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): Y	Simultaneous Dedication: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.

**Section 5 - Operator Signature and Certification**

<input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.	
Name  <b>Cherylene Weston</b>	
Title: Operations Regulatory Tech Sr.	Date 8/12/2024

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116  Online Phone Directory Visit: <a href="https://www.emnrd.nm.gov/ocd/contact-us/">https://www.emnrd.nm.gov/ocd/contact-us/</a>	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	<b>C-104</b> Revised July 9, 2024  Submit Electronically Via OCD Permitting
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### REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

#### Section 1 - Operator and Well Information

Submittal Type: <input type="checkbox"/> Test Allowable (C-104RT) <input type="checkbox"/> New Well (C-104NW) <input checked="" type="checkbox"/> Recomplete (C-104RC) <input type="checkbox"/> Pay Add (C-104RC) <input type="checkbox"/> Amended	
Operator Name: Hilcorp Energy Company	OGRID: 372171
Property Name and Well Number: SAN JUAN 28-7 UNIT 132	Property Code: 318432
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-039-07051
Pool Name: BLANCO MESAVERDE	Pool Code: 72319

#### Section 2 – Surface Location

UL K	Section 15	Township 027N	Range 007W	Lot	Ft. from N/S 1650' South	Ft. from E/W 1550' West	Latitude 36.571198	Longitude -107.56548	County RIO ARRIBA
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#### Section 3 – Completion Information

Producing Method F	Ready Date 8/6/2024	Perforations MD 5,026' – 5,639'	Perforations TVD 5,026' – 5,639'
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#### Section 4 – Action IDs for Submissions and Order Numbers

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW): N/A	Communitization Agreement <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Surface Casing Action ID: Previous to system	Unit: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: Previous to system	Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 2 Casing Action ID: Previous to system	Down Hole Commingling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. DHC-5352
Production Casing Action ID: Previous to system	Surface Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Non-standard Location: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Common ownership Order No.
Liner 1 Action ID: Previous to system	Non-standard Proration: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): Y	Simultaneous Dedication: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.

#### Section 5 - Operator Signature and Certification

<input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.	
Name  <b style="color: blue;">Cherylene Weston</b>	
Title: Operations Regulatory Tech Sr.	Date 8/12/2024

Cheryl Weston

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From: Rennick, Kenneth G <krennick@blm.gov>  
Sent: Tuesday, August 13, 2024 9:43 AM  
To: Cheryl Weston; Kade, Matthew H  
Subject: Re: [EXTERNAL] Well Name: SAN JUAN 28-7 UNIT, Well Number: 132, Notification of Sundry Accepted

**CAUTION:** External sender. DO NOT open links or attachments from UNKNOWN senders.

The completion report for the San Juan 28-7 Unit 132 has been accepted for the record. See below.

WCR ID	Operator	Well Name	Well Number	US Well Number	Status
<input type="text"/>	<input type="text"/>	<input type="text"/>	132	<input type="text"/>	<input type="text"/>
92632	HILCORP ENERGY COMPANY	SAN JUAN 28-7 UNIT	132	3003907051	ACC

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management  
Farmington Field Office  
6251 College Blvd  
Farmington, NM 87402

Email: [krennick@blm.gov](mailto:krennick@blm.gov)  
Mobile & Text: 505.497.0019

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From: Cheryl Weston <CWESTON@HILCORP.COM>  
Sent: Tuesday, August 13, 2024 7:37 AM  
To: Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>  
Subject: FW: [EXTERNAL] Well Name: SAN JUAN 28-7 UNIT, Well Number: 132, Notification of Sundry Accepted

Kenny,

I never did receive a completion report acknowledgement email for the MV/MC in this well. May I please get an acknowledgement for OCD?

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

FORM APPROVED  
 OMB No. 1004-0137  
 Expires: July 31, 2018

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.,  
 Other: RECOMPLETE

5. Lease Serial No.  
**NMSF078640**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
**Hilcorp Energy Company**

8. Lease Name and Well No.  
**SAN JUAN 28-7 UNIT 132**

3. Address  
**382 Rd 3100, Aztec NM 87410**

3a. Phone No. (include area code)  
**(505) 333-1700**

**30-039-07051**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **Unit K (NESW), 1650' FSL & 1550' FWL**

10. Field and Pool or Exploratory  
**Blanco Mesaverde**

11. Sec., T., R., M., on Block and Survey or Area  
**Sec. 15, T27N, R07W**

At top prod. Interval reported below **Same as above**

12. County or Parish **Rio Arriba** 13. State **New Mexico**

At total depth **Same as above**

14. Date Spudded  
**11/28/1962**

15. Date T.D. Reached  
**12/15/1962**

16. Date Completed **8/6/2024**  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**6,647'**

18. Total Depth: **7,683'**

19. Plug Back T.D.: **7,647'**

20. Depth Bridge Plug Set: **MD**  
**TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit report)  
 Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
11 1/2"	9 5/8" J-55	32.3#	0	309'	n/a	210 sx			
6 1/4"	4 1/2" J-55	10.5# & 11.6#	0	7,683'	n/a	564 sx			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7,463'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	5,026'	5,639'	1 SPF	0.29"	22	open
B)						
C)						
D)						
<b>TOTAL</b>					<b>22</b>	

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	5,026'	5,639'	1 SPF	0.29"	22	open
B)						
C)						
D)						
<b>TOTAL</b>					<b>22</b>	

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5026-5639	BDW w/water & 500 gal 15% HCl. Frac @ 50 bpm w/ 70Q N2 foam, 43,260 gal slickwater, 125,295# sand & 1.56M SCF N2
-	
-	

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8/6/2024	8/6/2024	4	➔	0	37	0	n/a	n/a	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
32/64"	240 psi	110 psi	➔	0	37	0	n/a	Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI			➔						

\*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➔						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➔						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

**Sold**

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo		2499'	White, cr-gr ss	Ojo Alamo	
Kirtland	2,499'		Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	
Fruitland	2,899'	3146'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2,899'
Pictured Cliffs	3,146'		Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3,146'
Lewis			Shale w/ siltstone stingers	Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra		4862'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	4,862'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	4,862'
Menefee	4,944'	5415'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4,944'
Point Lookout	5,415'	5538'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5,415'
Mancos	5,538'		Dark gry carb sh.	Mancos	
Gallup	6,463'	7328'	Lt. gry to brn calc carb micac gluc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6,463'
Greenhorn	7,328'		Highly calc gry sh w/ thin lmst.	Greenhorn	
Graneros		7500'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	
Dakota	7,500'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

**This well is currently producing as a MV/MC/DK trimmingle per DHC-5352. MV P/A NMNM078413A.**

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
  Geologic Report
  DST Report
  Directional Survey  
 Sundry Notice for plugging and cement verification
  Core Analysis
  Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Cherylene Weston Title Operations/Regulatory Technician  
 Signature Cherylene Weston Date 8/9/2024

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

FORM APPROVED  
 OMB No. 1004-0137  
 Expires: July 31, 2018

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.,  
 Other: RECOMPLETE

5. Lease Serial No.  
**NMSF078640**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
**Hilcorp Energy Company**

8. Lease Name and Well No.  
**SAN JUAN 28-7 UNIT 132**

3. Address  
**382 Rd 3100, Aztec NM 87410**

3a. Phone No. (include area code)  
**(505) 333-1700**

**30-039-07051**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **Unit K (NESW), 1650' FSL & 1550' FWL**  
 At top prod. Interval reported below **Same as above**  
 At total depth **Same as above**

10. Field and Pool or Exploratory  
**Basin Mancos**

11. Sec., T., R., M., on Block and Survey or Area  
**Sec. 15, T27N, R07W**

12. County or Parish **Rio Arriba** 13. State **New Mexico**

14. Date Spudded  
**11/28/1962**

15. Date T.D. Reached  
**12/15/1962**

16. Date Completed **8/6/2024**  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**6,647'**

18. Total Depth: **7,683'**

19. Plug Back T.D.: **7,647'**

20. Depth Bridge Plug Set: **MD**  
**TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit report)  
 Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
11 1/2"	9 5/8" J-55	32.3#	0	309'	n/a	210 sx			
6 1/4"	4 1/2" J-55	10.5# & 11.6#	0	7,683'	n/a	564 sx			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7,463'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mancos	7,005'	7,294'	1 SPF	0.34"	28	open
B)						
C)						
D)						
<b>TOTAL</b>					<b>28</b>	

26. Perforation Record

Depth Interval	Amount and Type of Material
7005-7294	BDW w/water & 1000 gal 15% HCl. Frac @ 50 bpm w/ 70Q N2 foam, 76,146 gal slickwater, 50,208# AZ sand
-	
-	

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8/6/2024	8/6/2024	4	➔	0	37	0	n/a	n/a	<b>Flowing</b>
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
32/64"	240 psi	110 psi	➔	0	37	0	n/a	Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI			➔						

\*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➔						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➔						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

**Sold**

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
<b>Ojo Alamo</b>		<b>2499'</b>	White, cr-gr ss	<b>Ojo Alamo</b>	
<b>Kirtland</b>	<b>2,499'</b>		Gry sh interbedded w/tight, gry, fine-gr ss.	<b>Kirtland</b>	
<b>Fruitland</b>	<b>2,899'</b>	<b>3146'</b>	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	<b>Fruitland</b>	<b>2,899'</b>
<b>Pictured Cliffs</b>	<b>3,146'</b>		Bn-Gry, fine grn, tight ss.	<b>Pictured Cliffs</b>	<b>3,146'</b>
<b>Lewis</b>			Shale w/ siltstone stingers	<b>Lewis</b>	
<b>Huerfanito Bentonite</b>			White, waxy chalky bentonite	<b>Huerfanito Bentonite</b>	
<b>Chacra</b>		<b>4862'</b>	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	<b>Chacra</b>	
<b>Cliff House</b>	<b>4,862'</b>		Light gry, med-fine gr ss, carb sh & coal	<b>Cliff House</b>	<b>4,862'</b>
<b>Menefee</b>	<b>4,944'</b>	<b>5415'</b>	Med-dark gry, fine gr ss, carb sh & coal	<b>Menefee</b>	<b>4,944'</b>
<b>Point Lookout</b>	<b>5,415'</b>	<b>5538'</b>	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	<b>Point Lookout</b>	<b>5,415'</b>
<b>Mancos</b>	<b>5,538'</b>		Dark gry carb sh.	<b>Mancos</b>	
<b>Gallup</b>	<b>6,463'</b>	<b>7328'</b>	Lt. gry to brn calc carb micac gluc silts & very fine gry gry ss w/ irreg. interbed sh.	<b>Gallup</b>	<b>6,463'</b>
<b>Greenhorn</b>	<b>7,328'</b>		Highly calc gry sh w/ thin lmst.	<b>Greenhorn</b>	
<b>Graneros</b>		<b>7500'</b>	Dk gry shale, fossil & carb w/ pyrite incl.	<b>Graneros</b>	
<b>Dakota</b>	<b>7,500'</b>		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	<b>Dakota</b>	
<b>Morrison</b>			Interbed grn, brn & red waxy sh & fine to coard grn ss	<b>Morrison</b>	

32. Additional remarks (include plugging procedure):

**This well is currently producing as a MV/MC/DK trimmingle per DHC-5352.**

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
  Geologic Report
  DST Report
  Directional Survey  
 Sundry Notice for plugging and cement verification
  Core Analysis
  Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Cherylene Weston Title Operations/Regulatory Technician  
 Signature Cherylene Weston Date 8/9/2024

<b>Well Name:</b> SAN JUAN 28-7 UNIT	<b>Well Location:</b> T27N / R7W / SEC 15 / NESW / 36.571014 / -107.565704	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 132	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF078640	<b>Unit or CA Name:</b> SAN JUAN 28-7 UNIT--DK	<b>Unit or CA Number:</b> NMNM78413C
<b>US Well Number:</b> 3003907051	<b>Operator:</b> HILCORP ENERGY COMPANY	

**Subsequent Report**

**Sundry ID:** 2806279

**Type of Submission:** Subsequent Report

**Type of Action:** Recompletion

**Date Sundry Submitted:** 08/09/2024

**Time Sundry Submitted:** 02:57

**Date Operation Actually Began:** 03/29/2024

**Actual Procedure:** The subject well was recompleted into the Mesaverde/Mancos and downhole commingled with existing Dakota. Please see attached reports.

**SR Attachments**

**Actual Procedure**

San\_Juan\_28\_7\_Unit\_132\_RC\_Sundry\_20240809145631.pdf

**Well Name:** SAN JUAN 28-7 UNIT

**Well Location:** T27N / R7W / SEC 15 /  
NESW / 36.571014 / -107.565704

**County or Parish/State:** RIO  
ARRIBA / NM

**Well Number:** 132

**Type of Well:** CONVENTIONAL GAS  
WELL

**Allottee or Tribe Name:**

**Lease Number:** NMSF078640

**Unit or CA Name:** SAN JUAN 28-7  
UNIT--DK

**Unit or CA Number:**  
NMNM78413C

**US Well Number:** 3003907051

**Operator:** HILCORP ENERGY  
COMPANY

## Operator

*I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a*

**Operator Electronic Signature:** CHERYLENE WESTON

**Signed on:** AUG 09, 2024 02:56 PM

**Name:** HILCORP ENERGY COMPANY

**Title:** Operations/Regulatory Tech - Sr

**Street Address:** 1111 TRAVIS STREET

**City:** HOUSTON

**State:** TX

**Phone:** (713) 289-2615

**Email address:** CWESTON@HILCORP.COM

## Field

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Email address:**

## BLM Point of Contact

**BLM POC Name:** KENNETH G RENNICK

**BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5055647742

**BLM POC Email Address:** krennick@blm.gov

**Disposition:** Accepted

**Disposition Date:** 08/12/2024

**Signature:** Kenneth Rennick



## Well Operations Summary L48

Well Name: SAN JUAN 28-7 UNIT #132

API: 3003907051

Field: DK

State: NEW MEXICO

Permit to Drill (PTD) #:

Sundry #:

Rig/Service: DWS 32

## Jobs

Actual Start Date: 3/29/2024

End Date: 8/5/2024

Report Number	Report Start Date	Report End Date
1	3/29/2024	3/29/2024

## Operation

MOVE IN, RIG UP EXPERT SLICKLINE SERVICES, SITP- 70 PSI, SICP- 70 PSI.

MADE 3- RUNS.

1ST RUN: 2,00" O.D. R.B. TOOL TO 7,517' SLM, NO RECOVERY, SHEARED OFF.

2ND RUN: RUN IN WITH 3-SLIP STOP, SET AT 7,517' SLM.

3RD RUN: RUN IN WITH TUBING PERF GUN, SHOT 1- 3/4" HOLE AT 7,516' SLM.

FLUID LEVEL AT 4,300'.

START RIG MOVE OPERATIONS. MOBILIZED HEC RIG EQUIPMENT FROM THE LIVELY #12 TO THE S.J. 28-7 #132 WELLSITE (9.5 MILE MOVE). LEASE ROADS VERY ROUGH.

RIG UP SERVICE UNIT. CONTINUE TO MOVE IN RIG EQUIPMENT. LEASE ROAD VERY ROUGH AND LOCATION IS SMALL. STAGE IN EQUIPMENT.

CHECK WELL PRESSURES. SITP-70 PSI, SICP-70 PSI, SIBHP-0 PSI. OPEN WELL. BLOWDOWN IN 10 MINUTES TO A LIGHT BLOW.

NIPPLE DOWN WELLHEAD. WELLHEAD BOLTS RUSTY &amp; CORRODED. LOCKDOWN PINS WILL NEED REPLACEMENT. NIPPLE UP BOP ASSEMBLY. FUNCTION TESTED GOOD.

MOVE IN WELLCHECK SERVICES FOR MONTHLY BOP TEST.

PRESSURE TEST BOP. TESTED BLIND RAMS TO 250 PSI LOW AND 2,500 PSI HIGH (GOOD), TESTED 2 3/8" PIPE RAMS TO 250 PSI LOW AND 2,500 PSI HIGH (GOOD).

CHARTED BY WELLCHECK SERVICES. RIG DOWN, RELEASED WELLCHECK SERVICES.

RIG UP FLOOR &amp; TUBING HANDLING TOOLS. UNSET TBG HANGER AT 40,000 LBS. PULL TUBING HANGER TO THE FLOOR &amp; REMOVE. TUBING WAS DRAGGING WHILE PULLING UP. WILL NOT TAG FOR FILL.

SHUT IN, SECURED WELL. WINTERIZED &amp; SECURED RIG AND ALL EQUIPMENT. SHUTDOWN JOB OPERATIONS FOR THE WEEKEND.

CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
2	4/1/2024	4/1/2024

## Operation

CREW TRAVEL TO WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS. LEASE ROAD MUDDY &amp; SLICK FROM WEEKEND SNOW STORM.

PJSA WITH CREWS.

CHECK WELL PRESSURES. SITP-180 PSI, SICP-180 PSI, SIBHP-0 PSI. OPEN WELL.

BLOWDOWN IN 10 MINUTES. SERVICE, START AND WARM UP EQUIPMENT.

MOVE IN, RIG UP PREMIER NDT SERVICES.

BEGIN TUBING SCAN OPERATIONS.

SCANNED 240 - 2 3/8" TUBING JOINTS:

69 JOINTS - YELLOW BAND.

115 JOINTS - BLUE BAND (PITTING, BAD PINS).

35 JOINTS - GREEN BAND (PITTING, BAD PINS).

21 JOINTS - RED BAND (PITTING, 2-HOLES &amp; 1-PERF HOLE).

69 JOINTS PASSED SCAN INSPECTION, 171 JOINTS FAILED (PITTING, BAD PINS, 2- HOLES &amp; 1-PERF HOLE). THE BAD JOINTS WERE THROUGHOUT THE STRING. ALSO HAD SOME LIGHT EXTERNAL SCALE COATING. JOINT #122 (+/- 3,815') HAD 2 HOLES. RIG DOWN, MOVE OUT PREMIER SERVICES.

ORDERED OUT 175- REPLACEMENT TUBING JOINTS FROM TUBOSCOPE TO BE LOADED AND DELIVERED AS SOON AS POSSIBLE.

MAKE UP 4 1/2" CASING CLEANOUT BHA ASSEMBLY. PREPARE TO TALLY &amp; TRIP IN.

1- 3.75" O.D. X .40' ROLLER BIT.

1- 3.75" O.D. X 3.20 STRING MILL.

1- 3.125" O.D. X 1.33' BIT SUB.

LUNCH/WARM UP BREAK.

TALLY &amp; TRIP IN WITH 2 3/8" YELLOW BAND WELL TUBING FROM THE DERRICK. TRIPPED TO 2,296'.

REPLACEMENT TUBING TO BE LOADED THIS EVENING AND DELIVERED IN THE MORNING.

SHUT IN, SECURED WELL. WINTERIZED &amp; SECURED RIG AND ALL EQUIPMENT. SHUTDOWN JOB OPERATIONS FOR THE EVENING.

CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
3	4/2/2024	4/2/2024

## Operation

CREW TRAVEL TO WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS.

PJSA WITH CREW.

CHECK WELL PRESSURES. SITP-150 PSI, SICP-150 PSI, SIBHP-0 PSI. OPEN WELL.

BLOWDOWN IN 10 MINUTES. SERVICE, START AND WARM UP EQUIPMENT.



### Well Operations Summary L48

**Well Name: SAN JUAN 28-7 UNIT #132**

**API: 3003907051**

**Field: DK**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: DWS 32**

Operation

MOVE IN, UNLOAD REPLACEMENT TUBING. RECEIVED 175- JOINTS (5,535.08') OF 2 3/8" 4.7# J-55 WHITE BAND TUBING FROM TUBOSCOPE PIPE YARD. SEND IN 171- JOINTS OF 2 3/8" 4.7# J-55 WELL TUBING THAT FAILED SCAN TESTING TO TUBOSCOPE PIPE YARD.

CONTINUE TO TALLY & TRIP IN WITH 2 3/8" WHITE BAND REPLACEMENT TUBING. TRIPPED TO 7,423'. TRIPPED OUT WITH TUBING/SCRAPER. STAND BACK TUBING INTO THE DERRICK.

LUNCH/WATER BREAK.

MAKE UP HILCORP 4 1/2" CAST IRON BRIDGE PLUG.

TRIP IN WITH 4 1/2" **CIBP TO 7,393' AND SET**. APPEARED TO HAVE A GOOD SET. LAYDOWN 1 JOINT TUBING.

RIG UP LINE TO THE TUBING. CIRCULATE 4 1/2" CASING ABOVE THE CIBP WITH 116 BBLS OF WATER.

CLOSE PIPE RAMS. TEST THE 4 1/2" CASING 580 PSI. STARTED GAINING PRESSURE DUE TO WATER HEATING. BLEED OFF PRESSURE.

TRIP OUT WITH TUBING/SETTING TOOL TO 6,415'.

SHUT IN, SECURED WELL. WINTERIZED & SECURED RIG AND ALL EQUIPMENT. SHUTDOWN JOB OPERATIONS FOR THE EVENING.

CREW TRAVEL TO YARD.

Report Number 4	Report Start Date 4/3/2024	Report End Date 4/3/2024
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Operation

CREW TRAVEL TO WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS.

PJSA WITH CREW.

CHECK WELL PRESSURES. SITP-0 PSI. SICP-0 PSI. SIBHP-0 PSI. OPEN WELL. NO PRESSURE TO BLOWDOWN. SERVICE, START AND WARM UP

CONTINUE TRIP OUT WITH TUBING/SETTING TOOL. STAND BACK TUBING INTO THE DERRICK.

TOP OFF WELL. MIRU WELLCHECK SRVCS. PRESSURE TEST UNIT. TEST GOOD. CONDUCT MOCK TEST. TEST WAS GOOD.

MOVE IN NMOCD. CONDUCT BRADENHEAD TEST. TEST WAS GOOD. **CONDUCT MIT TEST. CIBP AT 7,393'. TEST 4 1/2"CSG & CIBP TO 580 PSI FOR 30 MINUTES. TEST GOOD. WITNESSED BY JOHN DURHAM OF NMOCD.**

CHANGE OUT 4-LOCKDOWN PINS ON WELLHEAD. RIG DOWN WELLCHECK SERVICES. NOTIFY HEC ENGINEERING OF TEST RESULTS

TRIP INTO WELL WITH TUBING FROM THE DERRICK. WILL TRIP OUT LAYING DOWN.

RECEIVED CHANGE OF PLANS FROM HILCORP ENGINEERING. WILL ACIDIZE THE MANCOS INTERVAL. TRIP BACK OUT OF THE WELL STANDING BACK INTO THE DERRICK.

MOVE IN, RIG UP BASIN WIRELINE UNIT & LOGGING TOOLS.

**RUN GR/CCL FROM 7,385' WLM TO 2,000' WLM.** LOG EVALUATION TO BE DETERMINED BY HEC ENGINEERING GROUP. SEND RESULTS TO HEC ENGINEERING. RIG DOWN BASIN WIRELINE TOOLS OFF WELLHEAD.

SHUT IN, SECURED WELL. WINTERIZED & SECURED RIG AND ALL EQUIPMENT. SHUTDOWN JOB OPERATIONS FOR THE EVENING.

CREW TRAVEL TO YARD.

Report Number 5	Report Start Date 4/4/2024	Report End Date 4/4/2024
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Operation

CREW TRAVEL TO WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS.

PJSA WITH CREW.

CHECK WELL PRESSURES. SICP-0 PSI. SIBHP-0 PSI. OPEN WELL. NO PRESSURE TO BLOWDOWN. SERVICE, START AND WARM UP RIG AND WIRELINE EQUIPMENT.

RIG UP BASIN WIRELINE UNIT..

MAKE UP AND RUN IN WITH SELECT 4 1/2" **COMPOSITE BRIDGE PLUG. SET AT 7,345' WLM.**

CORRELATED OFF OF CORRECTED GR/CCL LOG DATED 4-3-24.

**PERFORATE 1ST STAGE MANCOS INTERVAL: 7,005', 7,009', 7,015', 7,020', 7,030', 7,035', 7,043', 7,050', 7,058', 7,080', 7,083', 7,090', 7,103', 7,136', 7,148', 7,157', 7,184', 7,190', 7,207', 7,229', 7,236', 7,254', 7,266', 7,277', 7,285', 7,291', 7,294' (28 HOLES) .34" DIA. PERFORATIONS. CORRELATED OFF OF CORRECTED GR/CCL DATED 4-3-24.**

PERFORATING GUNS: DYNA 2 3/4" HSC, .34" DIAMETER PERFS, 0 DEGREE PHASE, 26" PENETRATION, 15.0 GRAM CHARGES.

FLUID LEVEL DROPPED FROM 745' TO 850' AFTER PERFORATIONS WERE SHOT.

MADE 1 GUN RUN. ALL PERFORATIONS WERE SHOT. RIG DOWN BASIN WIRELINE UNIT & TOOLS.

MAKE UP SELECT 4 1/2" AS1-X PACKER WITH UNLOADER ASSEMBLY AND MULESHOE COLLAR.

TRIP IN **PACKER TO 6,889' AND SET**. LOAD 4 1/2" CASING ANNULUS WITH 4 BBLS OF WATER.

SHUT IN, SECURED WELL. WINTERIZED & SECURED RIG AND ALL EQUIPMENT. SHUTDOWN JOB OPERATIONS FOR THE EVENING.

CREW TRAVEL TO YARD.

Report Number 6	Report Start Date 4/5/2024	Report End Date 4/5/2024
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Operation

CREW TRAVEL TO WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS.



### Well Operations Summary L48

**Well Name: SAN JUAN 28-7 UNIT #132**

**API: 3003907051**

**Field: DK**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: DWS 32**

Operation

PJSA WITH CREWS.

CHECK WELL PRESSURES. SITP-0 PSI. SICP-0 PSI. SIBHP-0 PSI. OPEN WELL. SLIGHT VACUUM ON TUBING. SERVICE, START AND WARM UP RIG AND RIG PUMP.

MOVE IN, RIG UP EXPERT SLICKLINE UNIT & TOOLS.

RUN IN WITH 1.50" O.D. PRESSURE/TEMPERATURE TOOL. CONDUCT SURVEY AS BELOW:

CHECK READINGS AT 7,005' DOWN TO 7,294' STOPPING EVERY 50' AND RECORDING FOR 5 MINUTES.

CHECK READING AT 7,294' FOR 30 MINUTES.

DOWNLOAD DATA. RIG DOWN EXPERT UNIT & TOOLS.

WAIT ON DRAKE ENERGY SERVICES TO ARRIVE.

MOVE IN, RIG UP DRAKE ENERGY SERVICES. TEST LINES TO 7,000 PSI.

CONDUCT 2% KCL/ACID BREAKDOWN ON MANCOS ZONE (7,005' - 7,294'). PACKER AT 6,889'.

PUMP INTO ZONE AT 4.5 TO 4.8 BPM AT 3,950 PSI TO 5,050 PSI. PUMPED 45 BBLS 2% KCL WATER.

SHUTDOWN PUMPING: ISDP - 2,100 PSI. CALCULATE .75 PSI/FT FRAC GRADIENT.

START 1,500 GALS (36 BBLS) 15% HCL ACID: 4.5 TO 5.0 BPM AT 4,920 PSI TO 5,100 PSI.

DROPPED 54- 7/8" BIO-BALLS FOR DIVERSION. DID NOT SEE ANY NOTICEABLE PRESSURE INCREASE DURING PUMPING FROM BALL SEALERS.

PUMPED 40 BBLS 2% KCL WATER FLUSH: 4.9 TO 5.0 BPM AT 4,900 TO 5,010 PSI.

SHUTDOWN PUMPING: ISDP - 2,200 PSI. 5-MIN: 2,070 PSI, 10-MIN: 1,900 PSI.

SHUT IN WELL WITH 1,855 PSI ON TUBING.

RIG DOWN, MOVE OUT DRAKE SERVICES.

WELL SHUT IN & SECURED. WINTERIZED & SECURED RIG AND ALL EQUIPMENT. SHUTDOWN JOB OPERATIONS FOR THE WEEKEND.

CREW TRAVEL TO YARD.

Report Number 7	Report Start Date 4/8/2024	Report End Date 4/8/2024
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Operation

CREW TRAVEL TO WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS.

PJSA WITH CREWS. SERVICE, START AND WARM UP RIG AND RIG PUMP.

CHECK WELL PRESSURES. SITP-450 PSI. SICP-0 PSI. SIBHP-0 PSI. OPENED WELL. BLOWDOWN TUBING IN 2 MINUTES TO SLIGHT GAS FLOW.

SET DOWN ON TUBING STRING AND OPEN UNLOADER. LET FLUIDS EQUALIZE. **UNSET PACKER.**

TRIP OUT OF WELL LAYING DOWN WELL TUBING ONTO FLOAT. WILL SEND IN 248 JOINTS OF TUBING TO TUBOSCOPE FOR STORAGE UNTIL NEEDED FOR AFTER FRAC RECOMPLETION OPERATIONS.

CHANGE OUT TUBING FLOATS. RECEIVED 168 JOINTS (5,226.47') OF 2 7/8" 6.5# P-110 RTS-8 I.J. TUBING TO BE USED AS FRAC STRING.

SEND IN 248 JOINTS (7,786') OF 2 3/8" 4.7# J-55 WELL TUBING FOR STORAGE AT TUBOSCOPE YARD UNTIL NEEDED FOR AFTER FRAC RECOMPLETION OPERATIONS.

(175- JOINTS WHITE BAND & 73- JOINTS OF YELLOW BAND).

MOVE IN, RIG UP BASIN WIRELINE UNIT AND TOOLS.

MAKE UP AND RUN IN WITH 3.75" GAUGE RING TO 7,000' WLM.

MAKE UP AND RUN IN WITH HILCORP 4 1/2" PUMP THRU FRAC PLUG. SET AT 6,950' WLM.

CORRELATED OFF OF GR/CCL LOG DATED 4-3-24.

MAKE UP & RUN IN WITH SELECT 4 1/2" TARGET MODEL "D" FRAC PACKER WITH 6.11' X 2 7/8" PUP JOINT AND DUAL DISC SUB. SET PACKER ASSEMBLY

AT 4,950' WLM. CORRELATE OFF OF GR/CCL LOG DATED 4-3-2024.

RIG DOWN, MOVE OUT BASIN WIRELINE.

MAKE UP MODEL "D" PACKER SEAL ASSEMBLY.

TALLY, RABBIT AND TRIP IN WITH 2 7/8" RTS-8 FRAC STRING. TRIPPED TO 2,434'.

WELL SHUT IN & SECURED. WINTERIZED & SECURED RIG AND ALL EQUIPMENT. SHUTDOWN JOB OPERATIONS FOR THE EVENING.

NO INCIDENTS, ACCIDENTS OR INJURIES WERE REPORTED.

CREW TRAVEL TO YARD.

Report Number 8	Report Start Date 4/9/2024	Report End Date 4/9/2024
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Operation

CREW TRAVEL TO WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS.

PJSA WITH CREWS. SERVICE, START AND WARM UP RIG AND RIG PUMP.

CHECK WELL PRESSURES. SITP-0 PSI. SICP-0 PSI. SIBHP-0 PSI. OPENED WELL. NO PRESSURE TO BLOWDOWN.



### Well Operations Summary L48

**Well Name: SAN JUAN 28-7 UNIT #132**

**API: 3003907051**

**Field: DK**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: DWS 32**

Operation

CONTINUE TO TALLY, RABBIT AND TRIP IN WITH 2 7/8" RTS-8 FRAC STRING.  
TAG FRAC PACKER AND SPACE OUT WITH PUP JOINTS.  
INSTALL FRAC TUBING HANGER AND LAND INTO FRAC PACKER WITH 16K COMPRESSION.

FRAC TUBING ASSEMBLY:

- 1- 7 1/16" X 2 7/8" 3K TBG HANGER (.63').
- 1- 2 7/8" L-80 PUP JOINT (9.73').
- 1- 2 7/8" L-80 PUP JOINT (8.12').
- 1- 2 7/8" L-80 PUP JOINT (6.07').
- 1- 2 7/8" EUE X 2 7/8" RTS-8 CROSSOVER (1.31')
- 158- 2 7/8" P-110 RTS-8 TUBING JOINTS (4,880.62').
- 1- 3 1/4" P-110 RTS-8 MARKER PUP JOINT (2.0')
- 1- 2 7/8" P-110 RTS-8 TUBING JOINT (30.30')
- 1- 2 7/8" RTS-8 X 2 7/8" EUE CROSSOVER (1.36').
- 1- 2 7/8" LATCH TYPE SEAL ASSEMBLY (.69' -OVERALL LENGTH -1.74' ).

K.B.- 12'

DUAL DISC SUB- 4,963.70'.

ANCHOR LATCH SEAL ASSEMBLY- 4,952.83'.

HILCORP PUMP THRU FRAC PLUG- 6,950'.

MOVE IN BIG RED & WELLCHECK. RIG DOWN FLOOR AND TUBING TOOLS. NIPPLE DOWN BOP ASSEMBLY. NIPPLE UP 10K FRAC STACK ASSEMBLY.  
TEST VOID SEALS. TEST GOOD. LOAD & TEST 4 1/2" CASING ANNULUS TO 500 PSI. TEST GOOD.

TEST 2 7/8" FRAC STRING & 10K FRAC STACK ASSEMBLY TO 8,000 PSI FOR 30 MINUTES. TEST GOOD.

RIG DOWN BIG RED & WELLCHECK.

MOVE IN, RIG UP EXPERT SLICKLINE SERVICES.

MAKE UP AND RUN IN WITH 2.25" O.D. SPEAR TO 4,955' SLM. BREAK DISC WITH 11 HITS. TBG WENT ON A SLIGHT VACUUM. CONTINUED DOWN TO 5,100' SLM. NO OBSTRUCTION WAS SEEN.

RIG DOWN, RELEASE EXPERT.

WELL SHUT IN AND SECURED.

RIG DOWN SERVICE UNIT AND EQUIPMENT. PREPARE FOR RIG MOVE.

MOVED SERVICE RIG TO THE LIVELY #12 WELLSITE AND SPOT IN. CREW TRAVEL TO HILCORP YARD.

Report Number

9

Report Start Date

7/29/2024

Report End Date

7/29/2024

Operation

MIRU FRAC CREW.

PRIME, COOL DOWN, TEST, SAFETY MEETING.

**FRAC STAGE 1: BROKE DOWN WELL WITH WATER AND 1,000 GAL 15% HCL. SLICKWATER FRAC'D MANCOS WITH 50,208 LBS 20/40 ARIZONA SAND, 76,146 GAL SLICKWATER. AVG RATE = 47 BPM, AVG PSI = 5,912 PSI. ISIP WAS 1,918 PSI. (1,000 PSI IN 5 MINUTES). 100% OF DESIGNED SAND PUMPED. DROP BALL ON FRAC BAFFLE. CHECK FOR BALL ACTION. DID NOT SEE ANY BALL ACTION. RIH, PERFORATE STAGE 2 MESAVERDE AT 5026'-5639', 23 HOLES.**

ONE BARREL FLOODED AND SHORTED ON THE FIRST RUN. HAD TO RUN GUNS A SECOND TIME TO PERFORATE REMAINING 8 PERS. TAGGED BAFFLE 40' HIGH.

RIG DOWN WIRELINE.

**FRAC STAGE 2: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D MESAVERDE WITH 125,295 LBS 20/40 ARIZONA AND 43,260 GAL SLICKWATER AND 1.56 MILLION SCF N2. 70 QUALITY. AVG RATE = 54 BPM, AVG PSI = 4,771 PSI. ISIP WAS 980 PSI. (794 PSI IN 5 MINUTES). 100% OF DESIGNED SAND PUMPED. LOST N2 PUMP DURING STAGE AND HAD TO FINISH STAGE AT LOWER RATE.**

SHUT IN WELL AND RIG DOWN CREWS. TOTAL FRAC LOAD = 2,879 BBLS (INCLUDING 36 BBLS OF ACID). TOTAL SAND = 175,502 LBS. TOTAL N2 = 1.56 MILLION SCF.

Report Number

10

Report Start Date

7/30/2024

Report End Date

7/30/2024

Operation

DROVE TO LOCATION.

HELD PJSM, START AND WARM UP WSU.

LOAD EQUIP AT SJ 27-4 U58, MOVED EQUIP AND WSU, SPOT IN EQUIP.

SPOT IN WSU, RU WSU, SITP 1200 PSI, RU FLOW LINES, RED IRON, BLOW DOWN WELL DOWN TO 50 PSI ON 1 HR.

KILL WELL W/30 BBL OF FW, INSTALL TWC, ND FRAC STACK, NU BOP, RU RIG FLOOR, PRESS TEST BOP BY WELLCHECK, PIPE RAMS AND BLIND RAMS, LOW PRESS TO 250 PSI-HIGH 2500 PSI- ALL GOOD.

PULL OUT TBG HANGER AND RELEASE MODEL D PKR, LUBRICATE OUT TWC, TBG PRESS 250 PSI, KILL TBG W/30 BBL, RD LUBRICATOR, LD TBG HANGER, 10', 8', 6' TBG SUBS L-80, XO AND 26 JTS P-110.

SHUT IN AND SECURED WELL.

TRAVEL BACK TO TOWN.

Report Number

11

Report Start Date

7/31/2024

Report End Date

7/31/2024

Operation

DRIVE TIME TO LOCATION.



### Well Operations Summary L48

**Well Name: SAN JUAN 28-7 UNIT #132**

**API: 3003907051**

**Field: DK**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: DWS 32**

Operation

HELD PJSM, START AND WARM UP EQUIP.  
SICP 400 PSI  
SITP 450 PSI  
BDT 2 MIN.

CONTINUE LAYING DOWN FRAC STRING, TOTAL 10', 8', 6' L-80 TBG SUBS, XO, (2 7/8" P-110 RTS-8), 158 JTS, 2' MJ, 1 JT, SEAL ASS.

SWAP TBG TRAILERS, SWITCH TOOLS FRO 2 3/8" TBG, MU BHA, RUN IN W/ 3 7/8" MILL SHOE, FLOAT SUB, JARS, 6- 3 7/8" DC, XO, 151 JTS 2 3/8" J-55, TAG PKR AT 4957', RU SWIVEL ON JT #151.

KI AIR UNIT, UNLOAD WELL-STABLISH GOOD CIRCULATION, **MILL ON PKR FOR 3.5 HRS AND FALL DOWN**, CIRCULATE WELL CLEAN, (RETURNS SHOW ABOUT 1/2 CUP OF SAND FOR 2 HRS DOWN TO A SPOON OF SAND PER 5GAL SAMPLES), KO AIR UNIT, LD 1 JT.

SHUT IN AND SECURED WELL.

DROVE BACK HOME.

Report Number 12	Report Start Date 8/1/2024	Report End Date 8/1/2024
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Operation

TRAVEL TO LOCATION.

PJSM, START AND WARM UP EQUIP.  
SICP 800 PSI  
BH 0 PSI  
BDT 15 MIN.

PICK UP 1 JT AND TAG PKR AND FALL DOWN, PICK UP 2 JTS MORE TO 5063', DIDN'T TAG, RD SWIVEL, TOH W/77 STS +DC AND MILL.

TIH W/SPEAR, JARS, DC AND 77 STS, PICK UP 60 JTS, TAG PKR AT 6696', WAS A SOFT TAG, RU SWIVEL, KI AIR UNIT, C/O ON TOP OF PKR DOWN TO 6717', GOT HANG UP, WORKED FREE, CIRCULATE CLEAN, KO AIR UNIT, RD SWIVEL, TOH W/TOOLS AND FISH.

TIH W/3 7/8" JUNK MILL, DC, 30 STS TO 2091'.

SHUT IN AND SECURED WELL.

DROVE BACK HOME.

Report Number 13	Report Start Date 8/2/2024	Report End Date 8/2/2024
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Operation

TRAVEL TO LOCATION.

HELD PJSM, START AND WARM UP EQUIP.  
SICP 650 PSI.  
TBG 0 PSI.  
BH 0 PSI.  
BDT 15 MIN.

TIH W/73 STS TAG FILL AT 6678', MADE 39' OF FILL OVERNIGHT.

RU SWIVEL, KI AIR UNIT, C/O 79' OF FILL, TAG BAFFLE PLUG AT 6757', MILL ON IT FOR 20 MIN AND THEN BEGAN TO MOVE DOWN SLOWLY, DOWN TO 6950', (GOT BACK A BOOST ON CSG PRESS), FALL FREE JUST 13', TAG AGAIN AT 6963', MILL ON IT FOR 20 MIN AND GOT BACK A BIG BOOST ON CSG PRESS, (APPEARS THAT BAFFLE PLUG MOVED UP FROM 6950' TO 6757' AND NEXT CBP MOVED TO 6963' FROM 7345'- WILL COMFIRM THIS TOMORROW), RETURNS SHOW CONSTANTLY ABOUT 3 CUPS OF SAND DOWN TO 1/2 CUP, WELL PRESS AND PLUG HOLD US AT 6953' FOR 1 HR, COULDN'T GET BACK DOWN, AFTER PRESSURE SETTLE DOWN, WAS ABLE TO WORKED TBG DOWN TO 6990', CIRCULATED CLEAN, KO AIR UNIT, RD SWIVEL, TOH W/32 STS TO

SHUT IN AND SECURED WELL.

TRAVEL BACK HOME.

Report Number 14	Report Start Date 8/3/2024	Report End Date 8/3/2024
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Operation

DROVE TO LOCATION.

HELD PJSM, START AND WARM UP EQUIP.  
SICP 600 PSI.  
BH 0 PSI.  
BDT 15 MIN.

TIH W/32 STS, PICK UP 12 JTS, TAG FILL AT 7345', RU SWIVEL.

KI AIR UNIT, 10 BBL OF FW P/HR W/2 GAL OF FOAMER, 1 GAL INH, UNLOAD WELL IN 25 MIN, C/O 8' OF FILL AND **TAG PLUG AT 7353', MILL OUT CBP** IN 45 MIN, **TAG CIBP AT 7393', MILL OUT PLUG** IN 3.5 HRS, PICK UP 7 JTS, TAG AT 7632', MILL AND C/O 15' TO PBTD AT 7647', CIRCULATE CLEAN, RETURNS SHOW ABOUT 1 CUP OF SAND STARTING, DOWN TO JUST A TRACE OF SAND, KO AIR, LD 1 JT W/SWIVEL, RD SWIVEL, TOH W/42 STS TO 4986'.

SHUT IN AND SECURED WELL, SDFN.

TRAVEL BACK HOME.

Report Number 15	Report Start Date 8/4/2024	Report End Date 8/4/2024
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Operation

TRAVEL TIME TO LOCATION.

HELD PJSM, START AND WARM UP EQUIP.  
SICP 540 PSI.  
TBG 0 PSI.  
BH 0 PSI.  
BDT 15 MIN.

TOH W/118 STS, LD DC AND MILL.

TIH W/PROD-DRIFTING EACH CONNECTION AS FOLLOWS= PUMP OUT PLUG, NEW SN (1.78"ID), **237 JTS (2 3/8" J-55 YB)**



### Well Operations Summary L48

**Well Name: SAN JUAN 28-7 UNIT #132**

**API: 3003907051**

**Field: DK**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: DWS 32**

Operation

TAG FILL AT 7608', KI AIR UNIT, PT TBG TO 600 PSI FOR 5 MIN-HELD GOOD, PUMP OUT PLUG AT 1500 PSI, UNLOAD WELL IN 15 MIN, C/O FILL TO BOTTOM AT 7647', CIRCULATE CLEAN, KO AIR UNIT, LD 6 JTS, KILL TBG W/3 BLL, **LAND TBG @7462'.53'**.

RD RIG FLOOR, ND BOP, NU WH.

RD WSU, RD FLOW LINES AND PUMP LINES, PREPARE EQUIP TO MOVE, RELEASE WSU TO SJ 28-7 U158.

DROVE BACK TO TOWN.

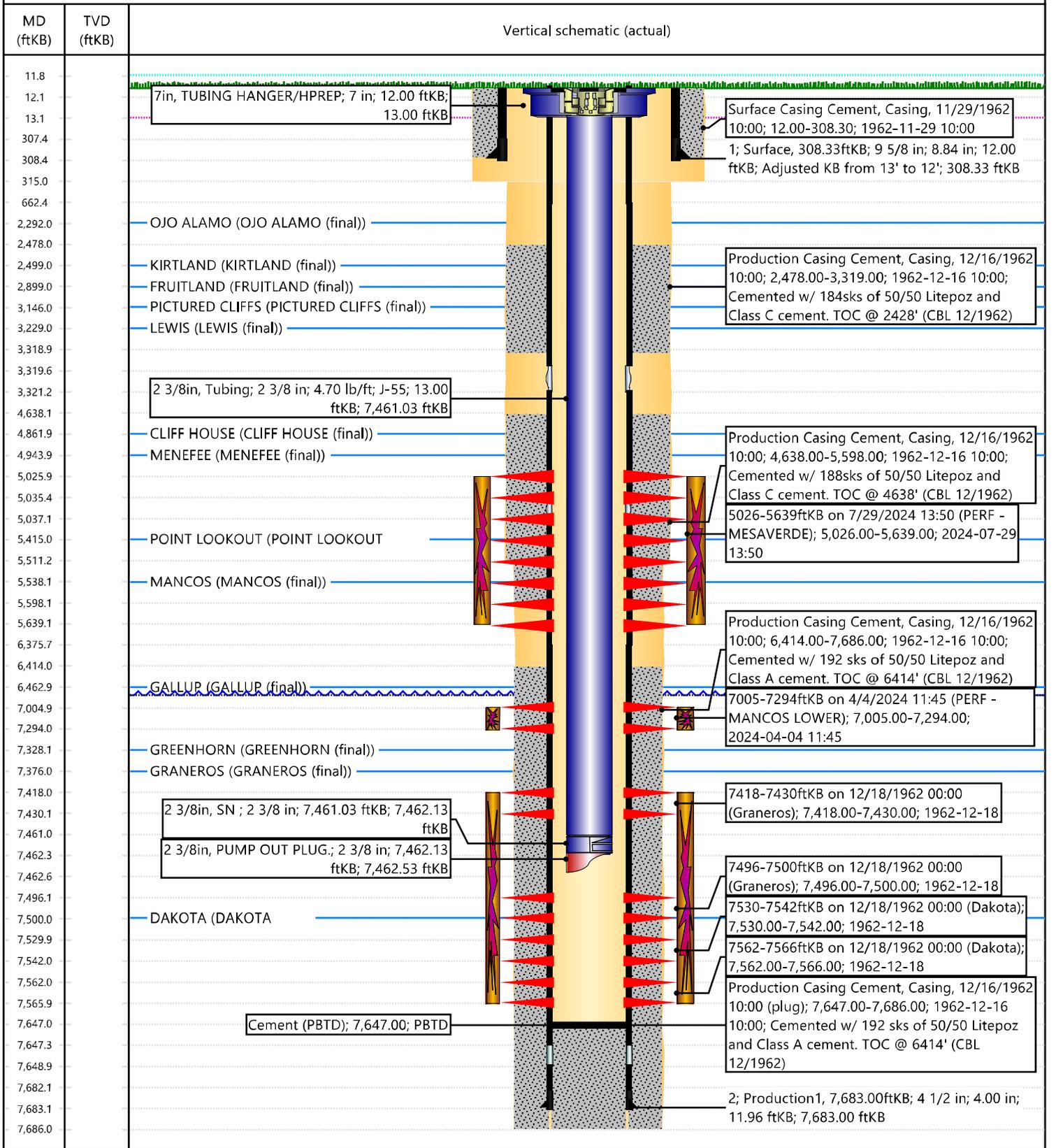


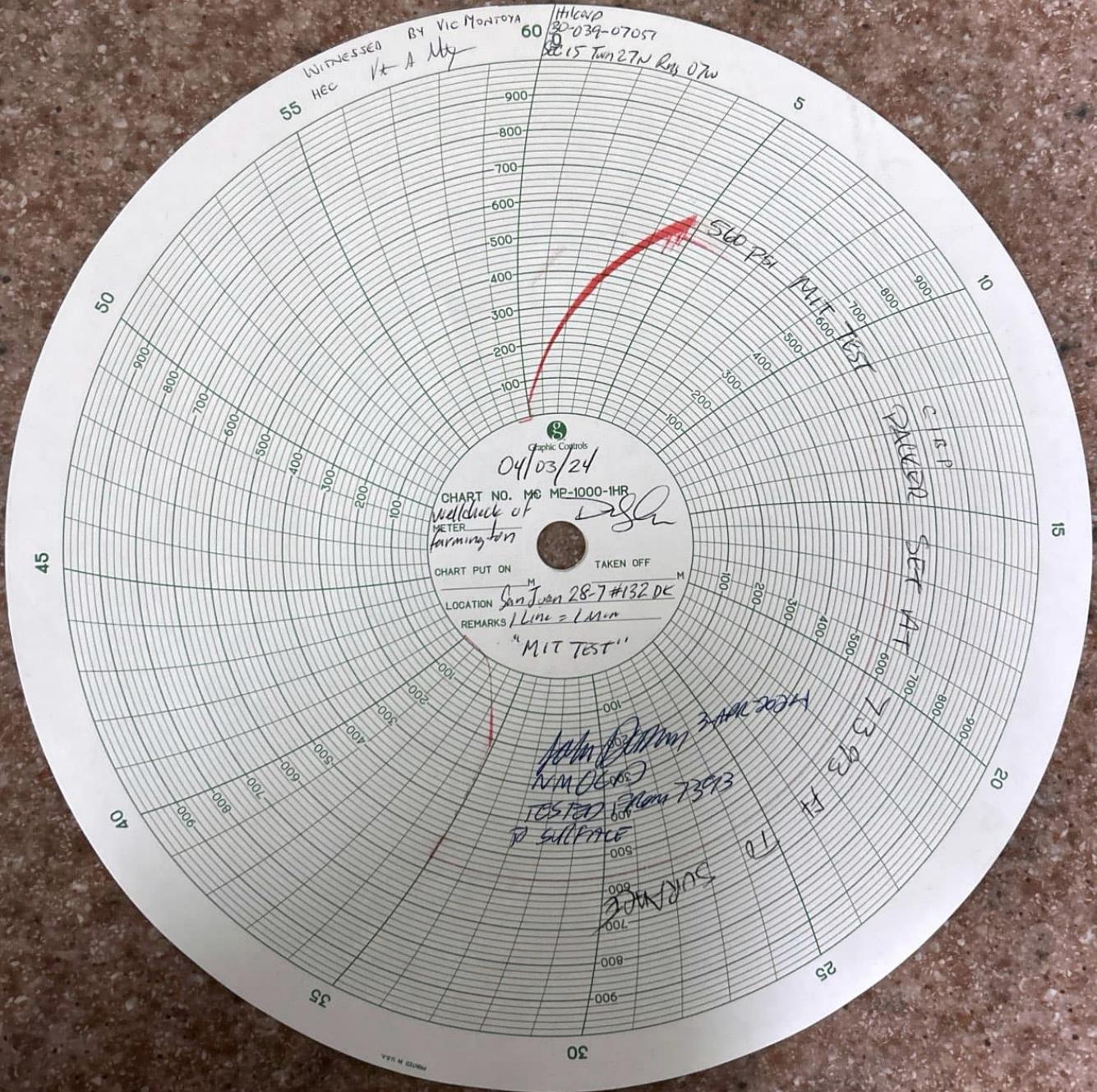
Current Schematic - Version 3

Well Name: SAN JUAN 28-7 UNIT #132

API / UWI 3003907051	Surface Legal Location 015-027N-007W-K	Field Name DK	Route 0906	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,657.00	Original KB/RT Elevation (ft) 6,669.00	Tubing Hanger Elevation (ft) 6,647.00	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft) 22.00	KB-Tubing Hanger Distance (ft) 22.00

Original Hole [Vertical]





## Cheryl Weston

---

**From:** Rennick, Kenneth G <krennick@blm.gov>  
**Sent:** Wednesday, April 3, 2024 4:12 PM  
**To:** Kuehling, Monica, EMNRD; Matthew Esz; Durham, John, EMNRD  
**Cc:** Cheryl Weston  
**Subject:** Re: [EXTERNAL] San Juan 28-7 Unit 132 CBL

**CAUTION:** External sender. DO NOT open links or attachments from UNKNOWN senders.

BLM finds the proposed perforations appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management  
Farmington Field Office  
6251 College Blvd  
Farmington, NM 87402

Email: [krennick@blm.gov](mailto:krennick@blm.gov)  
Mobile & Text: 505.497.0019

---

**From:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
**Sent:** Wednesday, April 3, 2024 1:57 PM  
**To:** Matthew Esz <Matthew.Esz@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>  
**Cc:** Cheryl Weston <cweston@hilcorp.com>  
**Subject:** RE: [EXTERNAL] San Juan 28-7 Unit 132 CBL

NMOCD approves recompleting in mv formation through perforations from 5028 to 7302 with prior approval from the BLM

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
Office Phone: 505-334-6178 ext. 123  
Cell Phone: 505-320-0243  
Email - [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)

---

**From:** Matthew Esz <Matthew.Esz@hilcorp.com>  
**Sent:** Wednesday, April 3, 2024 1:53 PM  
**To:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; krennick@blm.gov  
**Cc:** Cheryl Weston <cweston@hilcorp.com>  
**Subject:** RE: [EXTERNAL] San Juan 28-7 Unit 132 CBL

Monica,

Per our conversation, we have adjusted our perforation interval with a new top perf at 5,028' to accommodate the cement top on the 1962 acoustic log. Thank you!

Matthew

---

**From:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
**Sent:** Friday, March 29, 2024 9:03 AM  
**To:** Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>; Durham, John, EMNRD <[john.durham@emnrd.nm.gov](mailto:john.durham@emnrd.nm.gov)>; [krennick@blm.gov](mailto:krennick@blm.gov)  
**Subject:** RE: [EXTERNAL] San Juan 28-7 Unit 132 CBL

**CAUTION:** External sender. DO NOT open links or attachments from UNKNOWN senders.

Acoustic logs will only be accepted on a case by case basis.

No cement above 4850 – perfing area could only start at 5000 feet

Enough cement below 7302

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
Office Phone: 505-334-6178 ext. 123  
Cell Phone: 505-320-0243  
Email - [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)

---

**From:** Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>  
**Sent:** Thursday, March 28, 2024 3:01 PM  
**To:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Durham, John, EMNRD <[john.durham@emnrd.nm.gov](mailto:john.durham@emnrd.nm.gov)>; [krennick@blm.gov](mailto:krennick@blm.gov)  
**Subject:** [EXTERNAL] San Juan 28-7 Unit 132 CBL

**CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.**

Good afternoon,

We are about to start wellbore prep for the San Juan 28-7 Unit 132 recompleat, see the attached NOI approval. The NOI states that we intend to pull a CBL during prep, however, we just found a CBL from the initial completion dated 12/17/1962. I have attached the CBL here and would appreciate if you could reference it for us to perforate and disregard pulling a new one. Give me a call if you have any questions!

Thank you,

**Matthew Esz**  
*Operations Engineer*  
San Juan South Asset Team  
**Hilcorp Energy Company**  
c: (770) 843-9226

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**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

ACKNOWLEDGMENTS

Action 373306

**ACKNOWLEDGMENTS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 373306
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
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**Santa Fe, NM 87505**

CONDITIONS

Action 373306

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 373306
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

**CONDITIONS**

Created By	Condition	Condition Date
smcgrath	None	8/21/2024